

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 January 2001 (04.01.2001)

PCT

(10) International Publication Number
WO 01/01218 A2

(51) International Patent Classification⁷: G06F

Andreas, K. [DE/US]; 91 Center Road, Woodbridge, CT 06524 (US). XU, Chuanbo [CN/US]; 524 Openint Hill Road, Madison, CT 06443 (US).

(21) International Application Number: PCT/US00/17540

(22) International Filing Date: 26 June 2000 (26.06.2000)

(74) Agents: MOROZ, Eugene et al.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/141,521 25 June 1999 (25.06.1999) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 60/141,521 (CIP)
Filed on 25 June 1999 (25.06.1999)

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): GENAIS-SANCE PHARMACEUTICALS, INC. [US/US]; Five Science Park, New Haven, CT 06511 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DENTON, Richard, Rex [US/US]; 129 Hunters Trail, Madison, CT 06443 (US). JUDSON, Richard, S. [US/US]; 42 Baker Hill Drive, Guilford, CT 06437 (US). RUÑO, Gualberto [US/US]; 88 Lawrence Street, New Haven, CT 06511 (US). STEPHENS, Joel, Claiborne [US/US]; 46 Crabapple Lane, Guilford, CT 06437 (US). WINDEMUTH,

Published:

— Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR OBTAINING AND USING HAPLOTYPE DATA

(57) Abstract: Methods, computer program(s) and database(s) to analyze and make use of gene haplotype information. These include methods, program, and database to find and measure the frequency of haplotypes in the general population; methods, program, and database to find correlation's between an individual's haplotypes or genotypes and a clinical outcome; methods, program, and database to predict an individual's haplotypes from the individual's genotype for a gene; and methods, program, and database to predict an individual's clinical response to a treatment based on the individual's genotype or haplotype.

WO 01/01218 A2

